

0007



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial XXX Complete Exploration

Inspection Date: 03/06/2002 / Time: 10:00 am-3:00 pm

Date of Last Inspection: 02/27/2002

Mine Name: Savage Coal Terminal County: Carbon Permit Number: C/007/022

Permittee and/or Operator's Name: Savage Industries, Inc.

Business Address: 5250 South 300 West, Suite 200, SLC, UT 84107/PO Box 587, Wellington, UT 84542

Company Official(s): Boyd Rhodes

State Official(s): Joe Helfrich, Priscilla Burton Federal Official(s): None

Weather Conditions: Clear, sunny, 35

Type of Mining Activity: Underground Surface XXX Prep Plant Other

Existing Acreage: Permitted 160 Disturbed 122 Regraded Seeded

Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/007/022

DATE OF INSPECTION: 03/06/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Amendment #02A was hand delivered to the Division's Salt Lake Office on February 28, 2002 by the undersigned. This amendment describes the currently approved procedures, (mainly topsoil removal and storage), for developing a coal storage site. The site is approved as a refuse storage area. However, the permittee has requested that be changed to a coal storage area. The purpose of this inspection was to: evaluate the vegetation test plots located north west of pond #6, the topsoil stockpiles and take soil samples of the proposed coal stockpile area. Photos of this site visit are located in the "O" directory under images, folder #03062002 for the Savage Coal Loadout.

3. TOPSOIL

Approximately 11,000 cubic yards of topsoil will be added to the existing topsoil pile. This would be a good opportunity to eliminate some of the steep slopes on the existing stockpile. Reshaping portions of the pile would aid in moisture retention and provide a better vegetative cover. During this inspection, Priscilla Burton and I walked the proposed coal storage area and the topsoil stockpiles. Several soil samples were taken in each of three different areas of the proposed coal storage area. They included salt grass, barren ground, and shrub/grass vegetation communities. Each site exhibited some soil structure characteristics. The harshest site being the barren ground with fine-grained soil particles at 0"-6" and a chipped shale layer beneath. The other two sites exhibited a well-defined structure at 0"-6" with no shale beneath. The samples will be tested for pH and conductivity. The soil in the salt grass area will be recommended for salvaging.

Although sparse, the stockpiles do support vegetation in depressions, ditches and areas where moisture could be retained. The south facing slopes of the stockpiles and the area between the piles are basically void of vegetation.

13. REVEGETATION

A visual evaluation of the test plots indicated that plot #2 contained a greater % cover of vegetation. Alfalfa mulch had been added to the soil at the time of implementation, approximately ten years ago. Preliminary recommendations would be to add the same type of mulch to the redistributed topsoil. Since the area, (flagged in the proposed coal storage area as poor quality soil), contained a dense stand of salt grass, soil salvaging will be recommended. As noted in the soils section of this report, the topsoil redistribution from the proposed coal stockpile area would provide an opportunity to implement some changes to the current configuration of the topsoil stockpiles and enhance vegetative cover.

Inspector's Signature: _____


Joseph C. Helfrich #1

Date: March 11, 2002

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
James Jensen, Savage
Boyd Rhodes, Savage
Dan Guy, Blackhawk Engineering
Price Field office

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